



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 51] नई दिल्ली, शनिवार, दिसम्बर 23, 1978 (पौष 2, 1900)
No. 51] NEW DELHI, SATURDAY, DECEMBER 23, 1978 (PAUSA 2, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 23rd December 1978

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

16th November, 1978

- 1233/Cal/78. Khagen Banerjee. Anti smoke gas purifier for automobiles and diesel engines.
- 1234/Cal/78. Claude, Alain Gratzmuller. A hydraulic system for simultaneous control, especially for the control of electric circuit breakers.
- 1235/Cal/78. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method and apparatus for making a join in a bound yarn.
- 1236/Cal/78. Wolfgang Wagner. An injection apparatus. [Divisional date February 7, 1976].
- 1237/Cal/78. Dr. Md. Wolfgang Wagner. Self-controlled injection apparatus. [Divisional date February 7, 1976].
- 1238/Cal/78. Dr. Md. Wolfgang Wagner. Self-controlled injection apparatus. [Divisional date February 7, 1976].
- 1239/Cal/78. Societe DE Paris ET DU Rhone. Improvements in or relating to an electric starter for internal combustion engine.
- 1240/Cal/78. Combustion Engineering, Inc. Coal fired furnace.
- 1241/Cal/78. Texaco Development Corporation. Improved method for energy utilization in producing synthesis gas and recovery of unconverted carbon.
- 1242/Cal/78. B. Barthakur. Thresher for paddy and like other grains by elastomer roller.

17th November, 1978

- 1243/Cal/78. Nederlandse Organisatie Voor Toegepast-Natuurwetens-chappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel EN Verkeer. Alcohol-petrol fuel system for internal combustion engines.
- 1244/Cal/78. Skoda, Oborovy Podnik. Protective coat of heat stressed parts applied by a plasmatic spray or high-temperature one.
- 1245/Cal/78. Licentia Patent-Verwaltungs-GMBH. Method and device for operation of a direct current quick-break switch for protection of parallel connected inverters. (July 28, 1978).

18th November, 1978

- 1246/Cal/78. G. Philippaki. A garment designing aid.
- 1247/Cal/78. American Cyanamid Company. Electrochromic devices.

20th November, 1978

- 1248/Cal/78. Dr. Adolf Seebach AG. Process for the production of stable neutral solution of theophylline in water. [Divisional date March 30, 1977].
- 1249/Cal/78. John Wyeth and Brother Limited. Hexahydro-azepine picridine and pyrrolidine derivatives. (December 22, 1977).
- 1250/Cal/78. Hoechst Aktiengesellschaft. Process for the manufacture of a mixed catalyst.
- 1251/Cal/78. Mecanorma S.A. Improvements in or relating to the dry transfer of characters composed of ink. (April 12, 1978).
- 1252/Cal/78. New Generation Foods, Inc. High protein wheat product.
- 1253/Cal/78. R. S. Pandey. Heat proofing and sound proofing roof slab by hollow brickwork/hollow tile work/hollow precast slab work above it,

21st November, 1978

- 1254/Cal/78. Institut Francais Du Petrole. Improved drill bit with suction jets.
- 1255/Cal/78. Bunker Ramo Corporation. Locking mechanism for coupling and uncoupling electrical connectors.
- 1256/Cal/78. Kraftwerk Union Aktiengesellschaft. Determining leakages in coolant-cooled dynamo-electrical machine windings. [Addition to No. 1177/Cal/77].
- 1257/Cal/78. Nitto Boseki Co. Ltd. Glass composition.
- 1258/Cal/78. Burroughs Corporation. In-situ test and diagnostic circuitry and method for CML Chips.
- 1259/Cal/78. Gould Inc. Packaging method and apparatus.

22nd November, 1978

- 1260/Cal/78. Indian Explosives Limited. Improvements in or relating to cap-sensitive small diameter slurried explosives compositions.
- 1261/Cal/78. Outokumpu OY. A process for the selective froth-flotation of phosphate and carbonate minerals from finely divided phosphate-carbonate-silicate ores or concentrates.
- 1262/Cal/78. Veb Kombinat Medizin-Und Labortechnik Leipzig. Dental angle hand piece with direct drive. [Addition to No. 139439].
- 1263/Cal/78. Tadao Yoshizawa. M. Sakaguchi. Flexible plastic pipe joint.
- 1264/Cal/78. Skoda, Oborovy Podnik. Two-layer protective coat of heat stressed parts applied by a plasmatic spray or high temperature one.
- 1265/Cal/78. Skoda, Oborovy Podnik. Two-layer protective coat of heat stressed parts.

APPLICATION FOR PATENTS FILED AT THE
DELHI BRANCH

26th October, 1978

- 778/Del/78. American Flange & Manufacturing Co. Inc. Dispensing package and method.
- 779/Del/78. Council of Scientific and Industrial Research. An improved process for the production of pure-O-chlorophenol and P-chlorophenol. [Divisional date April 29, 1977].

30th October, 1978

- 780/Del/78. Akzona Incorporated. Process for surface treating cellulose products.
- 781/Del/78. Saft-Societe Des Accumulateurs Fixes ET DE Traction. Method for precharging negative electrode of nickel-cadmium alkaline storage cell.

1st November, 1978

- 782/Del/78. O. M. Normark. Coupling between mechanical elements.
- 783/Del/78. Armco Inc. A method of improving the surface insulation resistance of electrical steels having an insulative coating thereon.
- 784/Del/78. Purolator India Ltd. Separators for use in batteries. [Divisional date August 11, 1977].
- 785/Del/78. United Catalysts Inc. A carbon monoxide shift conversion catalyst and process.

2nd November, 1978

- 786/Del/78. Shri S. R. Acharya. Solar humidifiers.
- 787/Del/78. O. M. Normark. Coupling between mechanical elements.
- 788/Del/78. Standard Oil Company. Vapor phase polymerization with temporarily inactive titanium catalyst.
- 789/Del/78. Shell Internationale Research Maatschappij B. V. Process for the production of ethylene oxide. (March 25, 1976) [Divisional date March 23, 1977].

3rd November, 1978

- 790/Del/78. Smithkline Corporation. Process for preparing trisubstituted 1-phenyl-2, 3, 4, 5-tetrahydro-1H-3-benzazepine compounds. (November 7, 1977).
- 791/Del/78. Mobil Tyco Solar Energy Corporation. Manufacture of solar cells.
- 792/Del/78. Ortner Freight Car Company. Automatic latch means for rapid discharge hopper car door actuator.

4th November, 1978

- 793/Del/78. Council of Scientific and Industrial Research. Improvements in or relating to the preparation and sintering of manganous zinc ferrous ferrites.
- 794/Del/78. Council of Scientific and Industrial Research. Diaphragm pump.

APPLICATION FOR PATENTS FILED AT THE
MADRAS BRANCH

15th November, 1978

- 210/Mas/78. R. Ganesan. Emergency stretcher.
- 211/Mas/78. V. Joshua. A piston operated pressure switch. [Divisional date December 26, 1976].
- 212/Mas/78. N. J. Chacko. A process for production of non-woven pile mat with rubber base.

18th November, 1978

- 213/Mas/78. T. K. Chemicals Limited. A process for electrolytic oxidation of manganous sulphate to electrolytic manganese dioxide.

ALTERATION OF DATE

- | | | |
|-------------|---|----------------------|
| 145793. | } | 11th December, 1974. |
| 442/Cal/77. | | |
| 145795. | } | 22nd August, 1974. |
| 101/Del/77. | | |

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to to that office.

CLASS 206H₂ & K.

145786.

Int. Cl.-H04n 5/00, G01r 13/00.

A CATHODE RAY TUBE DEFLECTION SYSTEM.

Applicant : RCA CORPORATION, OF 30 ROCKFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

Inventor : PETER EDUARD HAFERL.

Application No. 2214/Cal/75 filed November 20, 1975.

Convention date February 20, 1975/(7161/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A cathode ray tube deflection system comprising a horizontal deflection circuit for deflecting an electron beam of said cathode ray tube in a horizontal direction in response to a horizontal deflection wave, a vertical deflection circuit comprising :

a vertical deflection winding responsive to a sawtooth current therethrough for deflecting said electron beam of said cathode ray tube in a vertical direction; and

means for applying successively smaller portions of the energy of said horizontal deflection wave during one interval of said vertical deflection and successively greater portions of said energy of said horizontal deflection wave during a second interval of said vertical deflection to said vertical deflection winding to develop said sawtooth current.

CLASS 102D.

145787.

Int. Cl.-F16j 11/06.

PRESSURE VESSEL AND METHOD OF FORMING SAME.

Applicant : GREER HYDRAULICS, INC. OF 5930 W. JEFFERSON BOULEVARD, LOS ANGELES, CALIFORNIA-90016, UNITED STATES OF AMERICA.

Inventor : ABDUZ ZAHID.

Application No 240/Cal/76 filed February 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A method of forming a pressure vessel of the type having a deformable separator therein from an elongated cylindrical rigid metal sleeve, which comprises the steps of inserting an annular supporting member of resilient sheet metal having a cylindrical retaining portion with an annular mounting portion at one end to which the periphery of the deformable separator is bonded into the cylindrical sleeve so that the cylindrical retaining portion of the supporting member is in juxtaposition to the inner wall surface of the cylindrical sleeve and deforming inwardly the open ends of said sleeve to form the ends of the pressure vessel, characterized in that at least one end of the container is not deformed from the cylindrical to its final (substantially hemispherical) shape until after the separator and its supporting member have been inserted in the metal sleeve.

CLASS 32E & 201C & D.

145788.

Int. Cl.-B01j 1/04.

PROCEDURE FOR CARRYING OUT ION EXCHANGE REACTIONS.

Applicant : DEUTSCHE GOLD-UND SILBER-SCHEIDANSTALT VORMALS ROESSLER, 9, WEISSFRAUENSTRASSE, 6000 FRANKFURT (MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : WOLFGANG HEIM, DR. GUNTER PRESCHER AND DR. GERD SCHREYER.

Application No. 1886/Cal/76 filed October 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

In a process for using a solid ion exchange material in a loading reaction and a regeneration reaction the improvement consisting of at least the regeneration reaction collecting as a single solution which is homogeneous both as to composition and density (1) the liquid stream flowing off from said ion exchange material during the delivery of the regenerating agent and (2) the liquid stream flowing off from said ion exchange material during the washing of the regenerating agent from the ion exchange material after

said delivery while the wash solution still contains significant regenerating agent, reusing the single solution which is a combination of streams (1) and (2) in a subsequent regeneration of the ion exchange material and adding fresh regenerating agent solution to the ion exchange material after the addition of said single solution, both the reused single solution and the fresh regenerating agent being led over the resin countercurrent to the direction of flow during loading.

CLASS 103.

145789.

Int. Cl. C23f 11/10.

AGENT FOR TRANSFORMING RUST AND FOR PROTECTION AGAINST RUST.

Applicant : NOVEROX A.G. OF GARTENSTRASSE 2, CH 6300, ZUG, SWITZERLAND.

Inventors : LOTHAR PEIER & ERICH HENGELHAUPT.

Application No. 1994/Cal/76 filed November 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Agent for transforming rust and for the protection against rust containing synthetic binding agents in the form of aqueous dispersions or emulsions as well as a component capable of forming iron complex compounds, characterized in that the component capable of forming iron complex compounds consists of at least one polyester of an oxycarboxylic acid having phenolic characteristics with an acid anhydride or a substituted acid anhydride and wherein the said agent for protection against rust, if desired, includes dioxy or trioxy benzenes and/or conventional corrosion protective oils and wherein synthetic resin solutions as herein described are in mixed with the dispersion or emulsion of the synthetic binding agent.

CLASS 129Q.

145790.

Int. Cl.-B23k 9/16.

DUAL-GAS SHIELDING IN ARC WELDING.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : JOHN JOSEPH BARGER AND CLARENCE WINFRED OVERBY.

Application No. 2116/Cal/76 filed November 26, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method of arc welding that includes shielding the arc by forming at least two concentric gas shields being the inner and the outer gas shields wherein;

(a) physical separation is maintained between the inner gas shields and the outer gas shields streams, until they leave the welding cup; and

(b) the outer gas shield which is fed has a gas stream in which at least half of the gas in said shield is air.

CLASS 95F.

145791.

Int. Cl.-B25g 1/00, B25g 3/00.

HANDLE FOR A HAND IMPLEMENT SUCH AS A RAKE, A BROOK, OR THE LIKE.

Applicant & Inventor : JOSEF BINDER, OF BAYERWALDSTRASSE 18, 8391 STRASSKIRCHEN/PASSAU, WEST GERMANY.

Application No. 2176/Cal/76 filed December 9, 1976.

Convention date December 1, 1976/(50115/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

33 Claims.

A handle for a hand implement, such as a rake, broom or the like which can be fixed in a socket of the implement, in which the handle comprises a plurality of individual tubular members formed of plastics material which can be connected together in end to end relationship by connecting means provided at their ends which when assembled face towards each other.

CLASS 102D.

145792.

Int. Cl.-G01f 1/00.

AN ELECTROMAGNETIC DEVICE ADAPTED TO DETERMINE THE FLOW STATE OF LIQUID.

Applicant: BHARAT HEAVY ELECTRICALS LTD., 18-20, KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA.

Inventor: SYED BURHANUDDIN.

Application No. 152/Cal/77 filed February 2, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

An electromagnetic device adapted to determine the flow state of a liquid comprising a tube for the flow of said liquid therethrough, a coil wound on the said tube and adapted to be connected to a power source and such that the magnetic field due to the current flowing in said coil is in the same plane as the linear flow of liquid, and at least one pair of electrodes is provided in a plane perpendicular to that of said liquid flow.

CLASS 206E.

145793.

Int. Cl.-H011 1/00.

A METHOD OF MAKING A BIPOLAR TRANSISTOR.

Applicant: RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, United STATES OF AMERICA.

Inventors: CHARLES WILLIAM MUELLER AND EDWARD CURTIS DOUGLAS.

Application No. 442/Cal/77 filed March 25, 1977.

Division of Application No. 2721/Cal/74 filed December 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of making a bipolar transistor in a layer or single-crystal silicon deposited on an insulating substrate, comprising the steps of:

(a) ion implanting a collector contact well of one type conductivity impurity through a first portion of said layer,

(b) annealing said layer for about 15 minutes at between about 900°C and 1100°C in a non-oxidizing ambient, to diffuse said collector contact well into said layer,

(c) ion implanting a base contact well of an opposite type conductivity impurity through a second portion of said layer, adjacent to said first portion,

(d) ion implanting a base region of said opposite type conductivity impurity through a third portion of said layer and in contact with said base contact well,

(e) ion implanting an emitter region of said one type conductivity impurities into a portion of said base region,

(f) capping said portion of said base region, over said emitter region, with a layer of insulating material prior to subsequently annealing said layer,

(g) annealing said layer for about 10 minutes at between about 700°C and 900°C in a non-oxidizing ambient,

(h) applying separate metal contacts to said collector contact well, said base contact well, and said emitter region, respectively, and

(i) annealing said layer at between about 300°C and 450°C in hydrogen for about 15 minutes.

CLASS 114F.

145794.

Int. Cl.-C14c 3/00, 9/00.

IMPROVEMENT IN THE PROCESS FOR THE PRODUCTION OF WET HEAT RESISTANT CHROME LEATHER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors: KODAVOOR JANARDHANA KEDLAYA AND TIRUVALLUR SALI RANGANATHAN.

Application No. 25Del/76 filed November 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

A process for the production of wet heat resistant chrome leather by tanning with basic chromium salts, washing, neutralising and fatliquoring characterised in that a treatment is given with 0.5–10% of a cross linking agent based on poly basic/poly functional organic compound (a) sandwiching the treatment between two chrome tannages or (b) the treatment either precedes or succeeds the tannage or (c) the said crosslinking agent is used along with the tanning salt.

CLASS 40B & 136E.

145795.

Int. Cl.-C08g 37/08, 37/30.

A PROCESS FOR THE PREPARATION OF A CATALYST.

Applicant: NUCHEM PLASTICS LTD., OF 20/6, MILESTONE, MATHURA ROAD, FARIDABAD-121001, HARYANA, INDIA.

Inventor: DR. AJIT SINGH.

Application No. 101/Del/77 filed May 1977.

Division of Application No. 1890/Cal/74 filed August 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

A process for the preparation of a catalyst for use in the process of preparation of urea or melamine formaldehyde moulding powders comprising the steps of preparing an ammoniacal solution consisting of ammonia and zinc sulphite adding an aldehyde such as formaldehyde to said solution and agitating the emulsion till a consistency or flow is obtained.

CLASS 69E.

145796.

Int. Cl.-H01h 3/00.

LOW VOLTAGE VACUUM SWITCH AND OPERATING MECHANISM.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: ROBERT MACQUIRE HRUDA.

Application No. 2241/Cal/76 filed December 22, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A low voltage vacuum switching means including an operating mechanism comprising at least one low voltage vacuum switch having axially movable conductive support posts extending from opposed flexible annular seal members, mounting means connected to the extending ends of the respective support posts, and the operating mechanism to axially move the support posts to effect opening and closing

of the switch comprising means to translate a rotary actuating force to an axially directed reciprocal switch closing force.

CLASS 166C. 145797.
Int. Cl.-B63h 5/00.

SHIP RUDDER ARRANGEMENT.

Applicant : STOCZNIA SZCZECINSKA IM. ADOIFA WARSKIEGO, OF SZCZECIN, UL. HUTNICZA 1, POLAND.

Inventor : JERZY WOJCIECH PISKORZ-NALECKI.

Application No. 1491/Cal/77 filed October 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Ship rudder arrangement having one horizontal fin attached permanently or with a possibility to rotate, to the rotary rudder blade supported by the rudder horn at the two sides and provided with movable ailerons at the trailing edge, significant in that the fin/1/consisting of the fixed fin/6/ provided with the aileron /7/ or consisting of the inclined fins /8 and 9/, is attached to the rotary part of the rudder blade /2/ at the two sides at the level of the propeller /5/ axis; the inclined fins /8 and 9/ being attached to the two sides of the rotary rudder blade /2/ at different angles to the horizontal plane passing through the propeller /5/ axis.

CLASS 98-I. 145798.
Int. Cl. F24j 3/02.

AN INTEGRATED UNIT FOR THE COLLECTION, STORAGE DISTRIBUTION OF SOLAR ENERGY FOR SPACE HEATING AND OTHER APPLICATIONS.

Applicant & Inventor : JAGDISH CHANDRA KAPUR, KAPUR SOLAR FARMS, GURGAON NAJAFGARH ROD, P.O. KAPAS HERA, NEW DELHI-110037, INDIA.

Application No. 17/Del/76 filed October 29, 1976.

Complete specification left. May 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

An integrated unit for the collection, storage and distribution of the solar heat energy comprises a set of corrugated metallic collector plates covered with a black chromium or nickel selective coating in which the corrugations are fitted with a set of storage tubes packed with chemicals having fushion characteristics; the said collector plates being enclosed in a glass cover; provision of a set of upper and lower louvers such that the cold air is sucked into the unit through the lower louver and after passing over the area covered by the storage tubes of the collector plates is drawn out as heated air for use from the upper louver; a reflector cum insulated cover with arrangement for setting it at any desired angle according to the seasonal solar orientation; provision of metallic projections around each of the said storage tubes, characterised in that a number of metallic sheets are introduced into the said corrugations and that in order to ensure a metal to metal heat transfer contact a metallic compound is applied at the contact points of the said metallic sheets with the collector plates as well as with the said storage tubes.

CLASS 190-B. 145799.
Int. Cl. F02c 1/00.

SOLAROCRAT POWER UNIT.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : DR. SUBBARAO RAMACHANDRA, (2) SRI KISHORI MOHAN KUNDU, (3) SRI HALDHAR SHINGH TAKHTASINGH JADEJA, (4) SRI HARI DAS CHAKRABORTY.

Application No. 2025/Cal/75 filed October 20, 1975.

Complete Specification Left. December 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims.

A device "SOLAROCRAT" for generating power utilising solar energy comprising (a) a solar energy reflector which collects radiant energy from the sun, (b) a ceramic air heater, which produces hot air at atmospheric pressure by collecting the radiant energy of sun from the reflector, (c) a jet ejector, which sucks hot air due to the pressure differential at the exit of the jet ejector, (d) a centrifugal compressor wherein ambient air is compressed to a few atmospheres, (e) a radial flow hot air turbine wherein the mixed air with high pressure is expanded in the radial flow turbine, and (f) a depressuriser which reduces the pressure at the turbine exhaust whereby ambient air is compressed in the radial compressor to a few atmospheres and expanded to sub-atmospheric pressure in a primary nozzle of the jet ejector element where it mixes with the high enthalpy (high temperature) air sucked from the solar air heater element, thereby, the mixed air in the jet ejector is pressurised in the diffuser and expanded in the inward flow radial turbine.

CLASS 63-I. 145800.
Int. Cl.-H02k 17/00.

APPARATUS FOR DRIVING AND MOUNTING A DISC SHAPED ROTOR.

Applicant : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESSELLSCHAFT, OF DACHAUER STRASSE 667, 8000 MUNCHEN, WEST GERMANY AND SKF KUGELLAGERFABRIKEN GMBH, OF ERNST-SACHS-STRASSE 2, 8720 SCHWEINFURT 2, WEST GERMANY.

Inventors : PETER MEINKE AND WOLFGANG HUBER.

Application No. 2076/Cal/75 filed October 29, 1975.

Convention date July 8, 1975/(28701/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

Apparatus for driving and supporting a disc shaped rotor comprising an aerostatic or aerodynamic bearing or a combination thereof and a unit member serving as driving means and as magnetic bearing, in particular electromagnetic bearing, said unit member encircling the rotor.

CLASS 184. 145801.
Int. Cl. B65d 87/00.

CISTERN CONTAINER ASSEMBLY.

Applicant : SOCIETE DES ETABLISSEMENTS HUGONNET, OF 19 AVENUE FRANKLIN D. ROOSEVELT, 75008, PARIS, FRANCE.

Inventor : HENRI CAINAUD.

Application No. 165/Cal/77 filed February 5, 1977.

Convention date January 20, 1977(02335/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A cistern container assembly comprising a frame having a number of substantially semi-circular cradles in which the cistern rests, wherein the cistern is provided with a similar number of external reinforcing hoops each having an external groove in which resilient padding is located and in each of which grooves a corresponding cradle engages.

CORRECTION OF CLERICAL ERRORS

UNDER SECTION 78(3)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 143774 (earlier numbered as 178/

Bom/1975) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 28th January, 1978 has been corrected to read as "In explosive slurry composition and a process for preparing the same" under Section 78(3) of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

137107 137113 137114 137119 137121 137122 137128.

(2)

78983 137684 137685 137696 137699 137711.

(3)

140010

(4)

140028 140029.

(5)

114613.

(6)

140070 140076 140081 140093 140094 140099.

(7)

140214 140220 140221 140236 140241 140244 140246 140248 140250.

PATENTS SEALED

141414 141441 141449 141469 142142 142851 143049 143160
143189 143190 143192 143194 143199 143224 143482 143486
143545 143546 143654 144174.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by The Louisiana State University Foundation in respect of patent No. 138642 as advertised in Part III, Section 2 of the Gazette of India dated the 30th July 1977, have been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

84679 (20.4.72) A process for preparing unsaturated steroid compounds.

84680 (20.4.72) A process for preparing 1-4 dihydro aromatic steroid compounds.

84681 (20.4.72) A process for preparing steroid ketones related to 19-nortestosterone.

108188 (20.4.72) A process for preparing esters of benzimidazolyl carbamic acid.

122683 (20.4.72) A process for preparing injectible insulin preparations.

128995 (26.10.70) Vulcanisation retarders.

130233(10.2.71) Process and apparatus for removal of acidic gases from hydrocarbon stream.

130380 (25.2.71) Method of obtaining hot pig iron.

132305 (30.7.71) Process for preparing colorless high-vinyl diene polymers.

133106 (20.4.72) A process for preparing 4-amino-6 aryl-pyrimidine.

133233 (14.10.71) Improved reduction oxidation process.

136192 (20.4.72) A process for preparing 2-(6-methoxy-2-naphthyl) propionic acid and intermediates therefor.

136364 (20.4.72) A process for preparing new heterocyclic acylamine containing sulphonyl ureas.

136487 (25.5.73) New aluminium alloy for electrical conductor having high ductility.

RENEWAL FEES PAID.

91098 91329 91421 91704 95187 95835 96408 96823 96840
97010 97017 97078 97150 97155 97175 97202 102883 102936
103020 103167 103129 103206 104461 108144 108222 108261
108424 108524 108611 109731 113398 113402 113536 113560
113568 113697 113774 113822 113830 113845 114184 115623
118254 118576 118680 118741 118830 118858 118884 118912
119003 119024 119079 119120 119180 119193 121413 121587
124103 124189 124190 124204 124297 124376 124377 124378
124395 124415 124443 124459 124629 124642 124659 124723
127139 128954 129141 129199 129302 129325 129375 129376
129428 129481 129482 129489 129519 129531 129547 129553
129562 129612 129620 129649 129755 130043 130309 130827
133535 133546 133603 133635 133662 133722 133769 133800
133858 133913 133925 133973 133974 133975 134016 134027
134028 134079 134082 134130 134146 135968 135969 135970
135971 135972 136508 136802 136838 137020 137054 137091
137117 137265 137289 137487 138100 138146 138274 138674
138832 138828 138916 139013 139126 139183 139529 139542
139647 139660 139661 139776 139835 140081 140098 140115
140339 140658 140681 140738 140924 140988 141211 141262
141267 141337 141420 141530 141628 141725 141970 142068
142115 142141 142202 142216 142330 142467 142468 142716
142892 143170 143278 143326 143475 143529.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 114681 granted to Baird Chemical Industries Inc. for an invention relating to "method of sanitizing or disinfecting hard surfaces of treating fabric during laundering". The patent ceased on the 22nd February 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified, in the Gazette of India, Part III, Section 2 dated the 30th September 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd Feb., 1979 under Rule 69 of the Patents Rules, 1972. A written statement in the triplicate setting out the nature of the opponent's interest, the facts

upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 114956 granted to Uniroyal Englebert France for an invention relating to "apparatus for applying a layer of rubber vaneer material to a sidewall of a tyre carcass". The patent ceased on the 13th March 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th September 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd Feb., 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 118974 granted to Maschinenfabrik Rieter A.G. for an invention relating to cradle for the top and bottom aprons of drafting mechanisms for spinning machines". The patent ceased on the 26th September 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th November 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd Feb., 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of Patent No. 141815 granted to Thomas John Karass for an invention relating to "a webless high strength packaging strapping and a method of forming the same". The patent ceased on the 4th July 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd Feb., 1979 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 146578. Vinodrai Jamnadas Mehta, an Indian Citizen trading as H. Vinodrai & Co., C-8, Jagganath Estate, Rakhial Road, Ahmedabad-380023, Gujarat State, India. "A skewer". January 31, 1978.

Class 1. No. 146599. Kundan Lal & Sons, Stall No. 94, Ghaffar Market, Karol Bagh, New Delhi-110005, an Indian Partnership firm. "Counter balance". February 2, 1978.

Class 1. No. 147052. Westfield Industries, of 296, P. Nariman Street, 3rd Floor, Sungli Bank Building, Fort, Bombay-400 001, State of Maharashtra, India., a partnership firm registered under Indian Partnership Act. "Container". May 10, 1978.

Class 1. No. 147174. Mohd. Suleman (An Indian National) Trading as the Best Tin & Steel Industries, 6889, Gali Mian Sahibwali, Beriwalla Bagh, Pul Bān-gash, Delhi-6, "Stove". June 6, 1978.

Class 1. No. 147196. D. N. Nachnani Enterprises, Asha Bhavan, C-2, Plot No. 619, 14th Road, Khar, Bombay-400 052, Maharashtra State, India, an Indian proprietary firm. "Electronic mosquito repeller". June 9, 1978.

Class 3. No. 146482. Rajasthan Kala Kendra, 91-Crockery Market, Sadar Bazar, Delhi-6, an Indian partnership concern. "Toy". January 3, 1978.

Class 3. No. 146976. Luna Tyres Private Limited, an Indian Company of 40, Strand Road, Fourth Floor, Room No. 5, Calcutta-700 001, West Bengal, India. "A tire tread of a cycletyre". April 24, 1978.

Class 3. No. 147003. Modi Enterprises, an Indian Proprietary Firm, at 1st Modi House, 3-D, Shastri Nagar, Jodhpur, Rajasthan, India. "Lighter". April 29, 1978.

Class 3. No. 147201. Satya Narain Drolia, an Indian National of 24, Bonfield Lane, Calcutta-700 001, West Bengal, India. "Container". June 12, 1978.

Class 3. Nos. 147233 & 147234. Gama Industries, 410/417, Bharat Industrial Estate, T. J. Road, Sewri, Bombay-400 015, Maharashtra, an Indian proprietary firm. "Pen stand-cum-slip box". June 20, 1978.

Class 4. No. 147077. Erasmo DE Sequeira, Indian National. Sole Proprietor of M/s. Fabril Gasosa, of Cam-pal, Panjim, Goa. "Bottles". May 15, 1978.

Class 4. No. 147085. Colgate-Palmolive Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, of 300 Park Avenue, New York, New York 10022, United States of America. "A bottle". May 16, 1978.

Class 10. Nos. 146664 to 146667. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910, Courcouronnes, France. "A Boot". February 13, 1978.

Class 10. Nos. 146668 & 146669. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910, Courcouronnes, France. "A shoe". February 13, 1978.

Class 10. No. 146670. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910, Courcouronnes, France. "A boot". February 13, 1978.

Class 10. No. 146671. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910, Courcouronnes, France. "A combined sole and heel unit for footwear". February 13, 1978.

Class 10. Nos. 146672 to 146675. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910 Courcouronnes, France, "Combined sole and heel unit for footwear". February 13, 1978.

Class 10. No. 146676. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910, Courcouronnes, France. "A shoe". February 13, 1978.

Class 10. No. 146677. Raufast S.A., a French corporate body of Zone Industrielle De Bois De l'Epine 910, Courcouronnes, France. "A boot". February 13, 1978.

Class 10. Nos. 147127 & 147128. Carona Sahu Co. Limited., An Indian Company Registered and Incorporated under the Companies' Act, 1956, at 221, Dr. D. N. Road, Fort, Bombay-400 001, Maharashtra, India. "Footwear". May 31, 1978.

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Design No. 134678. Class 1.

Design Nos. 134676 & 134677. Class 3.

S. VEDARAMAN

*Controller-General of Patents, Designs
and Trade Marks.*